

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073120\
Quantitation Report (Not Reviewed)

Data File : VL035301.D
Acq On : 31 Jul 2020 11:43
Operator : SY/AP
Sample : CAN 10590
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

Quant Time: Jul 31 15:21:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	958768	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2393074	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2151442	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1800566	10.47	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%

Target Compounds					Qvalue	
15) Acetone	3.85	43	15323	0.120	ppbv #	19
20) Methylene Chloride	4.32	84	3641	0.063	ppbv #	63
30) Cyclohexane	7.17	84	5341	0.083	ppbv #	1
39) 1,2-Dichloropropane	7.19	63	656329	9.891	ppbv #	23

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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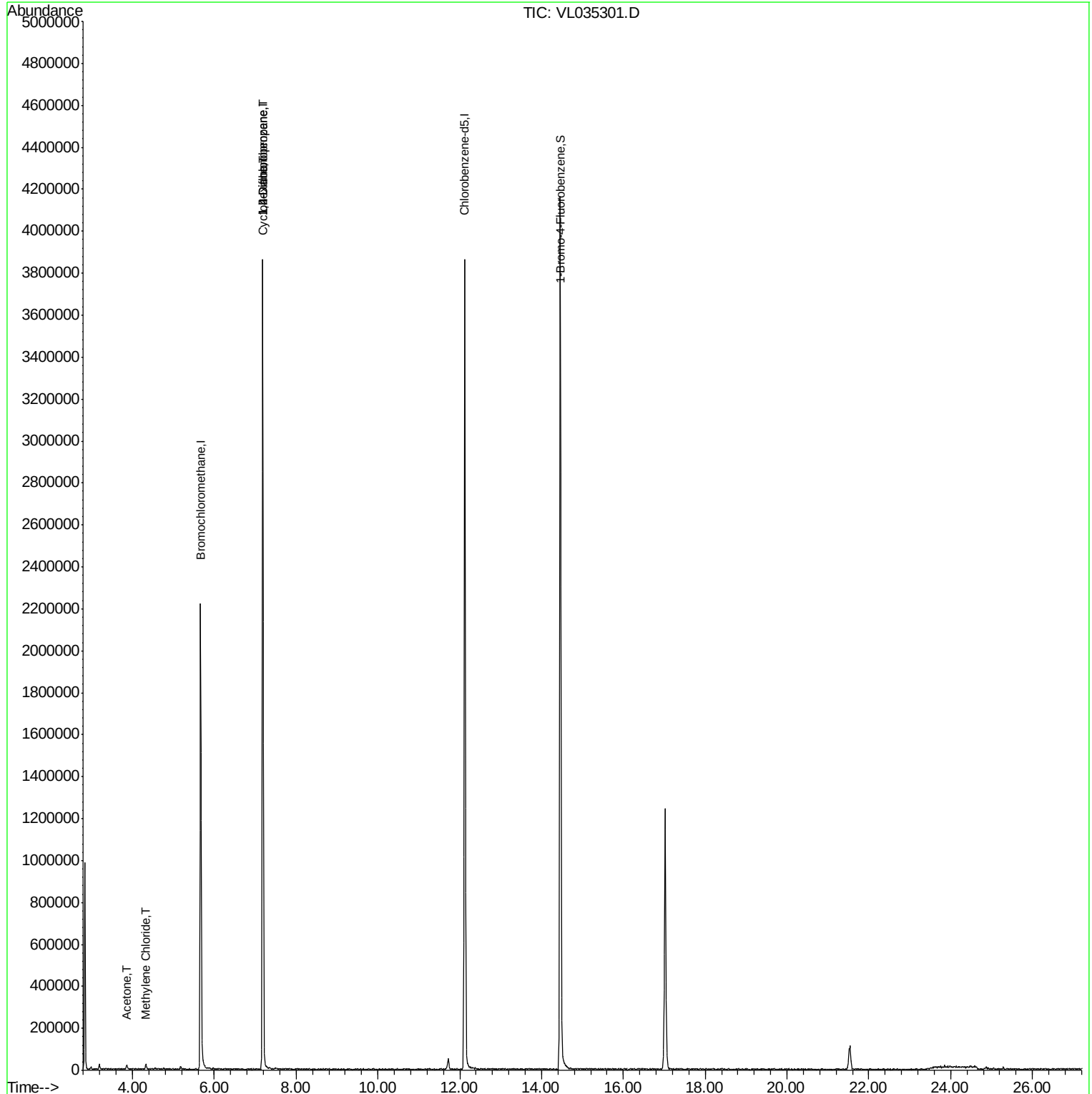
Quant Time: Jul 31 15:21:54 2020

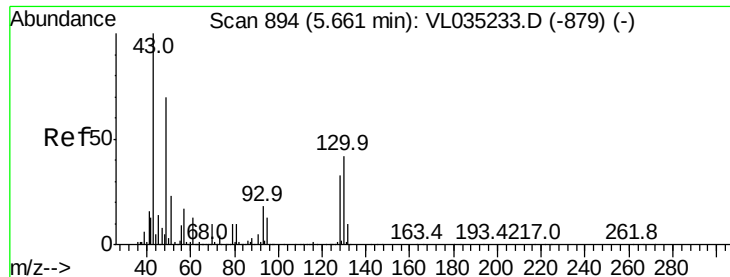
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL072920AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020

QLast Update : Wed Jul 29 07:14:29 2020

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 894

Delta R.T. 0.00 min

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CAN 10590

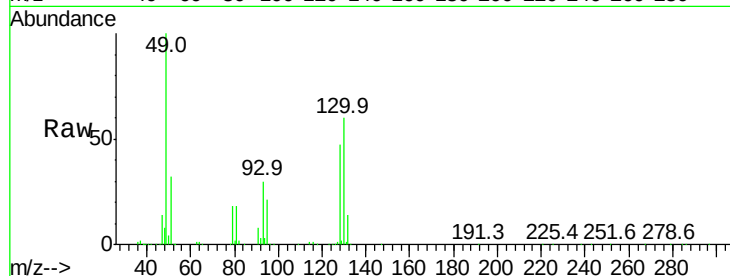
Tgt Ion: 49 Resp: 958768

Ion Ratio Lower Upper

49 100

128 50.5 24.0 72.0

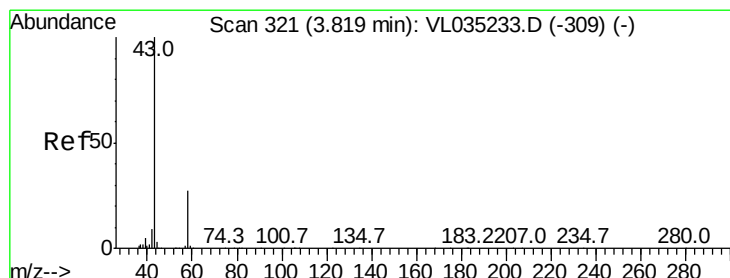
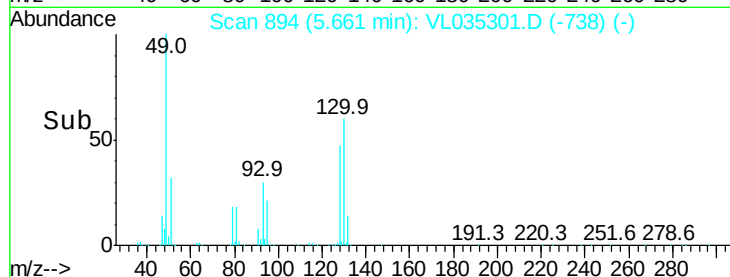
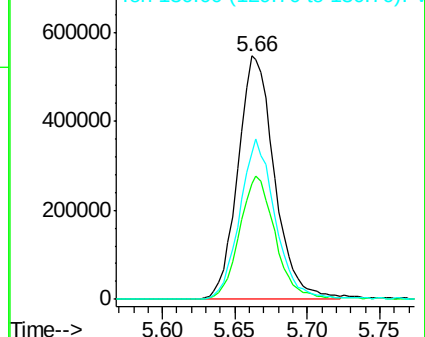
130 64.7 30.7 92.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.120 ppbv

RT: 3.85 min Scan# 331

Delta R.T. 0.03 min

Lab File: VL035301.D

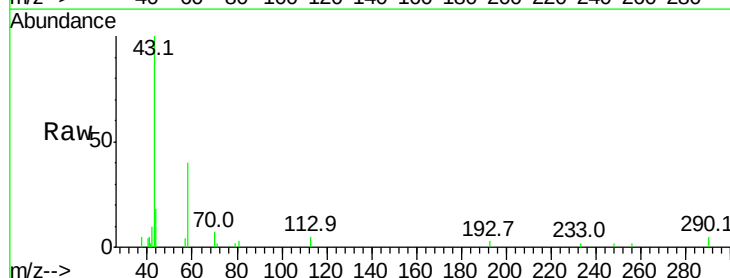
Acq: 31 Jul 2020 11:43

Tgt Ion: 43 Resp: 15323

Ion Ratio Lower Upper

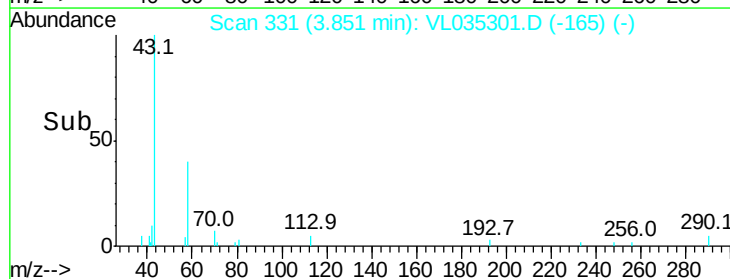
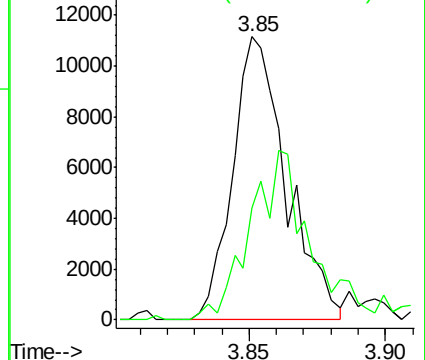
43 100

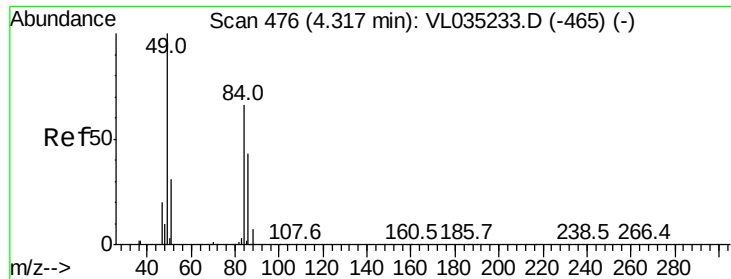
58 69.2 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

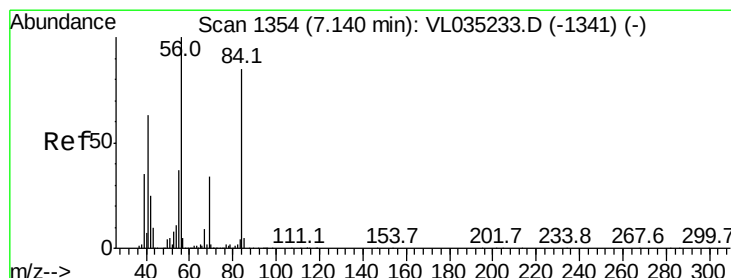
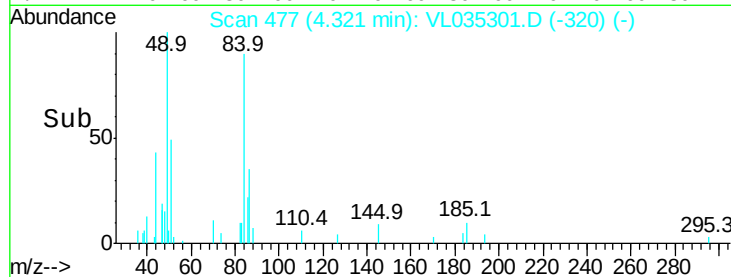
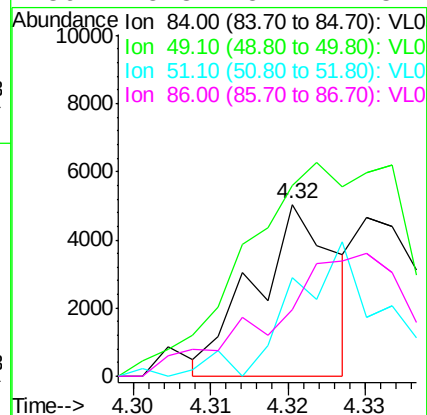
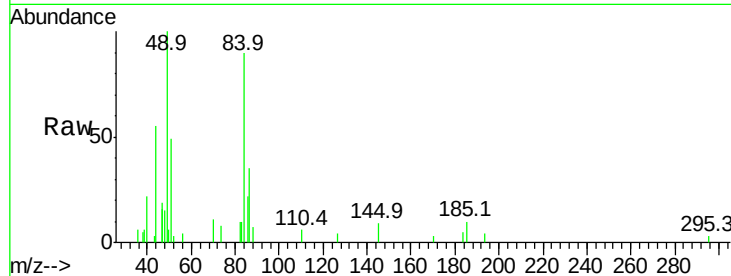




#20
Methylene Chloride
Concen: 0.063 ppbv
RT: 4.32 min Scan# 477
Delta R.T. 0.00 min
Lab File: VL035301.D
Acq: 31 Jul 2020 11:43

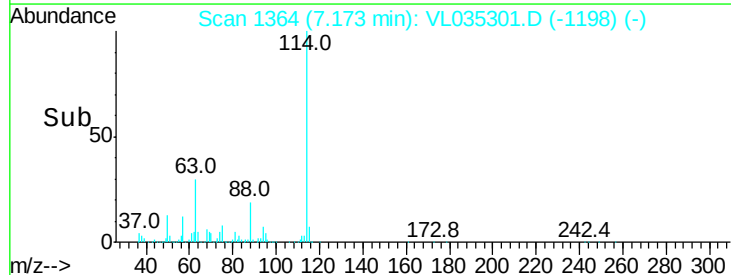
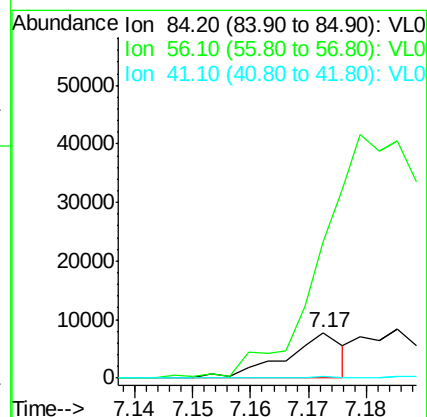
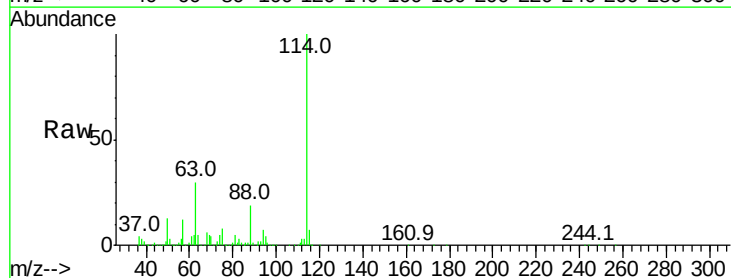
Instrument :
MSVOA_L
ClientSampleId :
CAN 10590

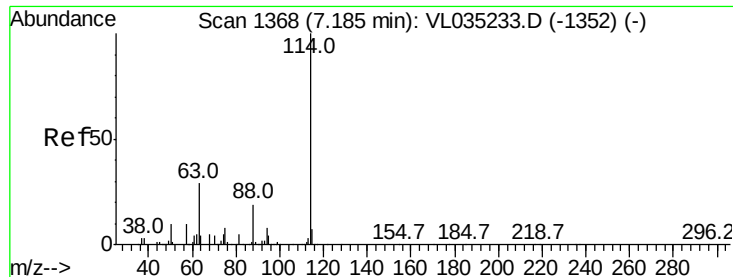
Tgt Ion:	84	Resp:	3641
Ion	Ratio	Lower	Upper
84	100		
49	103.8	121.0	181.4#
51	58.9	37.7	56.5#
86	25.8	52.2	78.4#



#30
Cyclohexane
Concen: 0.083 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.03 min
Lab File: VL035301.D
Acq: 31 Jul 2020 11:43

Tgt Ion:	84	Resp:	5341
Ion	Ratio	Lower	Upper
84	100		
56	0.0	104.2	156.2#
41	0.0	63.7	95.5#

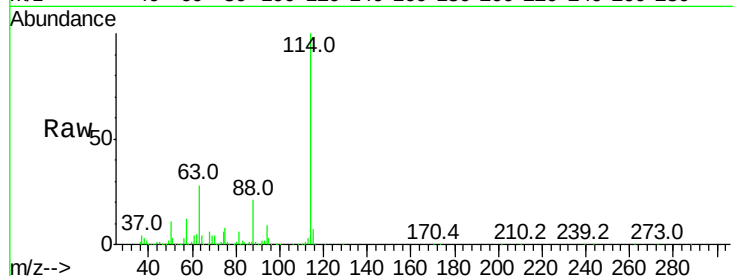




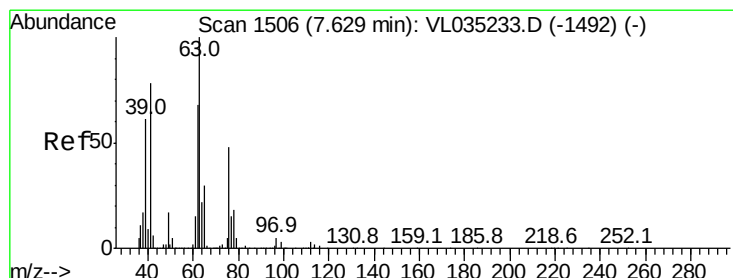
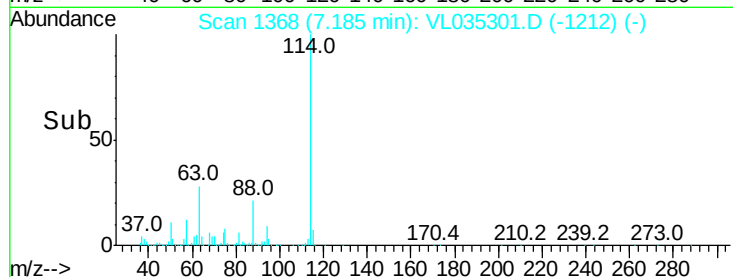
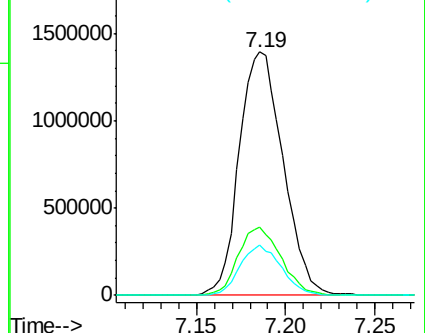
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL035301.D
 Acq: 31 Jul 2020 11:43

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10590

Tgt Ion: 114 Resp: 2393074
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.2 33.2
 88 19.7 15.4 23.0

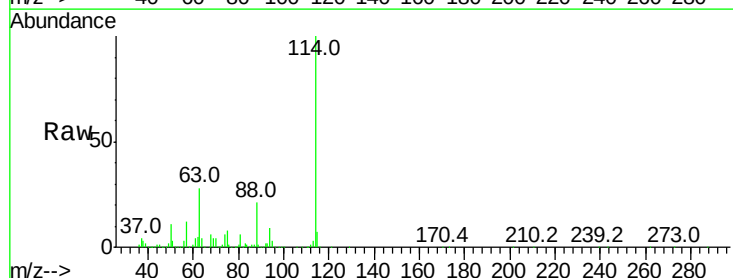


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

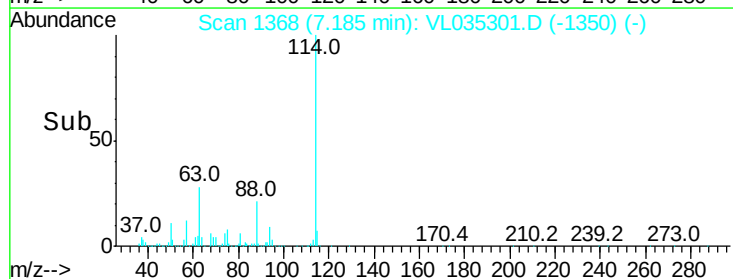
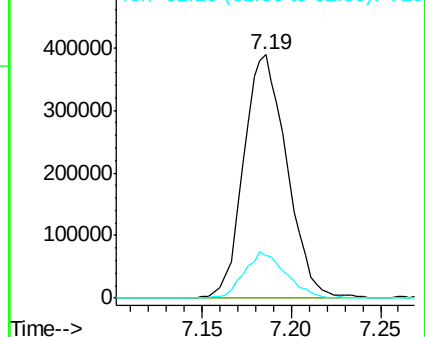


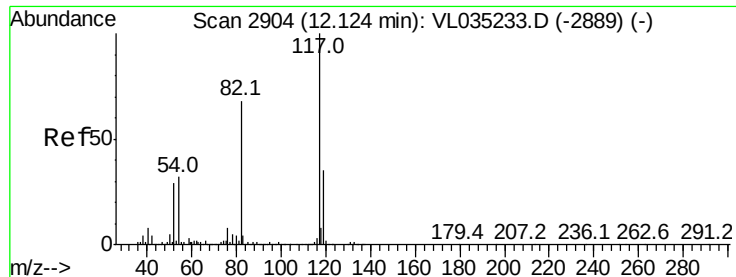
#39
 1,2-Dichloropropane
 Concen: 9.891 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035301.D
 Acq: 31 Jul 2020 11:43

Tgt Ion: 63 Resp: 656329
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.2 93.4#
 62 17.5 54.2 81.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

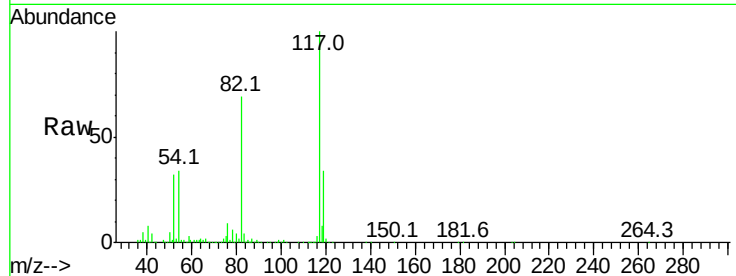




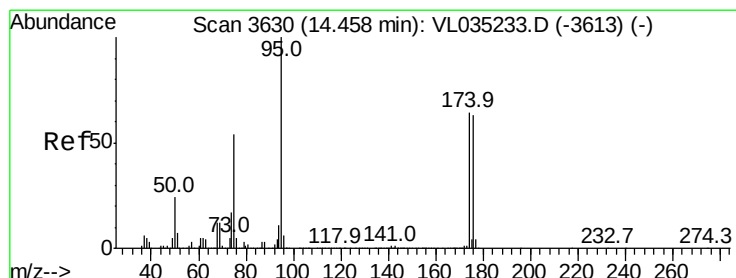
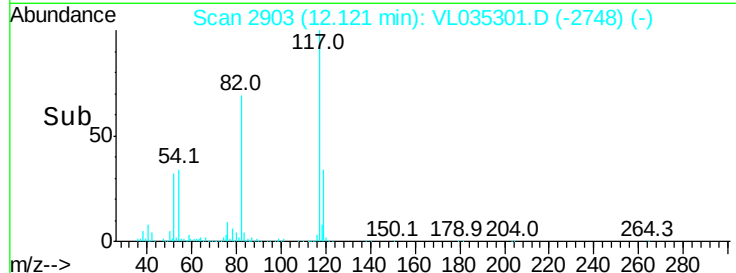
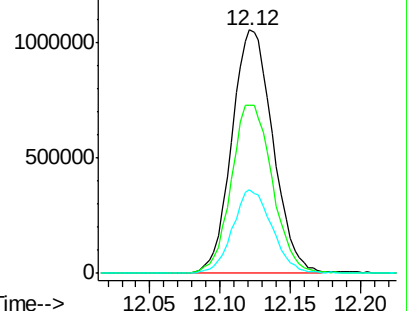
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL035301.D
Acq: 31 Jul 2020 11:43

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Tgt Ion: 117 Resp: 2151442
Ion Ratio Lower Upper
117 100
82 69.9 52.4 78.6
119 33.1 24.6 36.8

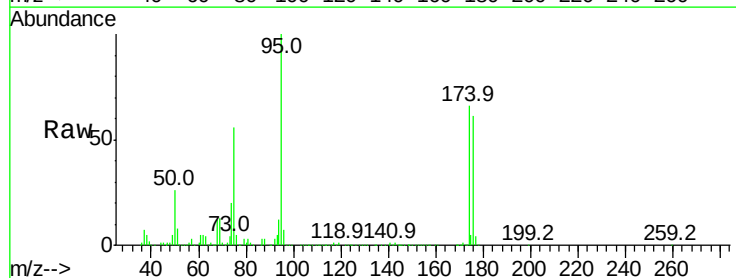


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.474 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. 0.00 min
Lab File: VL035301.D
Acq: 31 Jul 2020 11:43

Tgt Ion: 95 Resp: 1800566
Ion Ratio Lower Upper
95 100
174 64.9 52.7 79.1
175 4.7 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

